

CLAIMS

We claim the following:

- 1 1. A wiper system for a truck mirror comprised of
2 a pneumatic cylinder configured for attachment to a compressed
3 air source, said pneumatic cylinder having an operating rod that is
4 extendable and retractable, having a stroke of approximately the width of
5 the mirror and being configured for front mounting; and
6 a mounting bracket for attaching the pneumatic cylinder to the
7 mirror, the mounting bracket being configured for attachment to the front
8 of the pneumatic cylinder and for positioning the front of the pneumatic
9 cylinder adjacent to or abutting a vertical side of the mirror.
- 1 2. A wiper system according to claim 1, further comprising a switch
2 for selectively controlling a flow of compressed air to the pneumatic
3 cylinder.

1 3. A wiper system according to claim 1, further comprising a wiper
2 blade threadedly mounted to the operating rod.

1 4. A wiper system according to claim 1, further comprising at least
2 one air line configured for supplying compressed air to the pneumatic
3 cylinder.

1 5. A wiper system according to claim 1, wherein the pneumatic
2 cylinder is a double-action cylinder.

1 6. A wiper system according to claim 1, wherein the pneumatic
2 cylinder is a single-action cylinder.

1 7. A wiper system according to claim 1, wherein the mounting
2 bracket is an angled member configured for attachment to the backside of
3 the mirror.

1 8. A wiper system according to claim 2, wherein the switch is configured
2 to manually control extension and retraction of the operating rod of the
3 pneumatic cylinder.

1 9. A wiper system according to claim 2, wherein the switch is configured
2 to automatically control extension and retraction of the operating rod of
3 the pneumatic cylinder.

1 10. A wiper system mounted to a truck mirror, the wiper system
2 comprised of

3 a pneumatic cylinder operably coupled to a compressed air source,
4 said pneumatic cylinder having an operating rod that is extendable and
5 retractable, having a stroke of approximately the width of the mirror and
6 being configured for front mounting;

7 a mounting bracket attaching the pneumatic cylinder to the mirror,
8 the mounting bracket being attached to the front of the pneumatic cylinder
9 and positioning the front of the pneumatic cylinder adjacent to or abutting
10 a vertical side of the mirror; and

11 a wiper blade mounted to the operating rod.

1 11. A wiper system according to claim 10, further comprising a switch
2 operably coupled to the pneumatic cylinder and configured for selectively
3 controlling a flow of compressed air to the pneumatic cylinder.

1 12. A wiper system according to claim 11, further comprising at least
2 one air line configured for supplying compressed air to the pneumatic
3 cylinder.

1 13. A wiper system according to claim 12, wherein the pneumatic
2 cylinder is a double-action pneumatic cylinder.

1 14. A wiper system according to claim 12, wherein the pneumatic
2 cylinder is a single-action pneumatic cylinder.

1 15. A wiper system according to claim 12, wherein the mounting
2 bracket is an angled member attached to the backside of the mirror.

1 16. A wiper system according to claim 15, wherein the switch is
2 configured for manual control of extension and retraction of the operating
3 rod of the pneumatic cylinder.

1 17. A wiper system according to claim 15, wherein the switch is
2 configured for automatic control of extension and retraction of the
3 operating rod of the pneumatic cylinder.

1 18. A wiper system mounted to a truck mirror, the wiper system
2 comprised of

3 a pneumatic cylinder operably coupled to a compressed air source,
4 said pneumatic cylinder having an operating rod that is extendable and
5 retractable, having a stroke of approximately the width of the mirror and
6 being configured for front mounting;

7 a low-profile means for mounting the pneumatic cylinder to the

8 mirror, said means for mounting the pneumatic cylinder to the mirror
9 being attached to the front of the pneumatic cylinder and positioning the
10 front of the pneumatic cylinder adjacent to or abutting a vertical side of
11 the mirror; and

12 a means for mounting a wiper blade to the operating rod.

1 19. A wiper system according to claim 18, further comprising a means
2 for selectively controlling a flow of compressed air to the pneumatic
3 cylinder.

1 20. A wiper system according to claim 19, wherein the means for
2 selectively controlling a flow of compressed air to the pneumatic cylinder
3 is configured for manual or automatic control of extension and retraction
4 of the operating rod of the pneumatic cylinder.